

PRODUCT DATA SHEET

Omentin-1 Human, Sheep Polyclonal Antibody

Cat. No.: RD184100100

Source of Antigen: E. coli

Host: Sheep

Size: 0.1 mg

Type: Polyclonal Antibody

Other Names:

Intelectin-1, ITLN-1, Intestinal lactoferrin receptor, Galactofuranose-binding lectin, Endothelial lectin HL-1, Omentin, INTL, ITLN, LFR, UNQ640/PRO1270

Preparation:

The antibody was raised in sheep by immunization with the recombinant Human Omentin.

Amino Acid Sequence of Immunogen:

Total 294 AA. MW: 32.7 kDa (calculated). N-terminal His-tag, 14 extra AA. The AA sequence is identical to UniProtKB/Swiss-Prot entry Q8WWA0 (AA19–298).

MRGSHHHHHH GMASTDEANT YFKEWTCSSS PSLPRSCKEI KDECPSAFDG LYFLRTENGV
IYQTFCDMTS GGGGWTLVAS VHENDMRGKC TVGDRWSSQQ GSKAVYPEGD GNWANYNTFG
SAEAATSDDY KNPGYIDIQA KDLGIWHVPN KSPMQHWRNS SLLRYRTDTG FLQTLGHNLF
GIYQKYPVKY GEGKCWTDNG PVIPVVYDFG DAQKTASYYS PYGQREFTAG FVQFRVFNN
RAANALCAGM RVTGCNTEHH CIGGGGYFPE ASPQCGDFS GFDWSGYGTH VGYS

Purification Method:

Immunoaffinity chromatography on a column with immobilized recombinant Human Omentin.

Species Reactivity:

Human. Not yet tested in other species.

Antibody Content:

0.1 mg (determined by BCA method, BSA was used as a standard)

Formulation:

The antibody is lyophilized in 0.05 M phosphate buffer, 0.1 M NaCl, pH 7.2.

Reconstitution:

Add 0.2 ml of deionized water and let the lyophilized pellet dissolve completely. Slight turbidity may occur after reconstitution, which does not affect activity of the antibody. In this case clarify the solution by centrifugation.

Shipping:

At ambient temperature. Upon receipt, store the product at the temperature recommended below.

Storage/Stability:

The lyophilized antibody remains stable and fully active until the expiry date when stored at -20°C. Aliquot the product after reconstitution to avoid repeated freezing/thawing cycles and store frozen at -80°C. Reconstituted antibody can be stored at 4°C for a limited period of time; it does not show decline in activity after one week at 4°C.

Quality Control:

Indirect ELISA – to determine titer of the antibody

SDS PAGE – to determine purity of the antibody

BCA - to determine quantity of the antibody

Applications:

Immunohistochemistry, Western blotting

Note:

This product is for research use only.